



EL PASO AND SOUTHWESTERN RAILROAD GREENWAY PROJECT

DRAINAGE FACT SHEET

The El Paso and Southwestern Railroad Greenway project is subject to over 17 square miles of runoff from Tucson's urban areas, which drains northerly and westerly towards the Santa Cruz River. These drainage areas were evaluated in the Tucson Stormwater Management Study and include the West University Wash; Tucson Arroyo; Downtown Watershed; Cushing Street Wash; 18th Street Wash; and Mission View Wash. During a 100-year storm event, the peak rate of runoff from those drainage areas ranges from as little as a few cubic feet per second (cfs) to over 8,000 cfs at the Tucson Arroyo. Appurtenant to a variety of projects, there are several recent and planned drainage improvements affecting the runoff that approaches the Greenway Alignment, including the following:

Recently Completed – Drainage Improvements

Army Corps of Engineers (COE)/Pima County (PC)/City of Tucson (COT) – Detention Basins at Cherry Field; COT – Detention Basins at Quincie Douglas Park; Detention Basins at Sam Lena Park and the Arizona Department of Transportation (ADOT) Interstate 10 Stormwater Detention Basins at 29th Street.

Underway – Drainage Projects

ADOT – Culverts at channels attendant to the widening of I-10; Mission View Wash Regional Flood Control Stormwater Detention Basin and the storm drain at Fire Central – Tucson's newest fire station.

Planned – Drainage Projects:

COE/PC/COT – Detention Basins at Park Avenue; storm drains associated with the 22nd Street Improvements; storm drains associated with the Downtown Arena Improvements; storm drains associated with the Tucson Convention Center Hotel Improvements; Greyhound Wash runoff re-direction into the Mission View Wash Stormwater Detention Basin and the Fiesta Wash Stormwater Detention Basin.

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